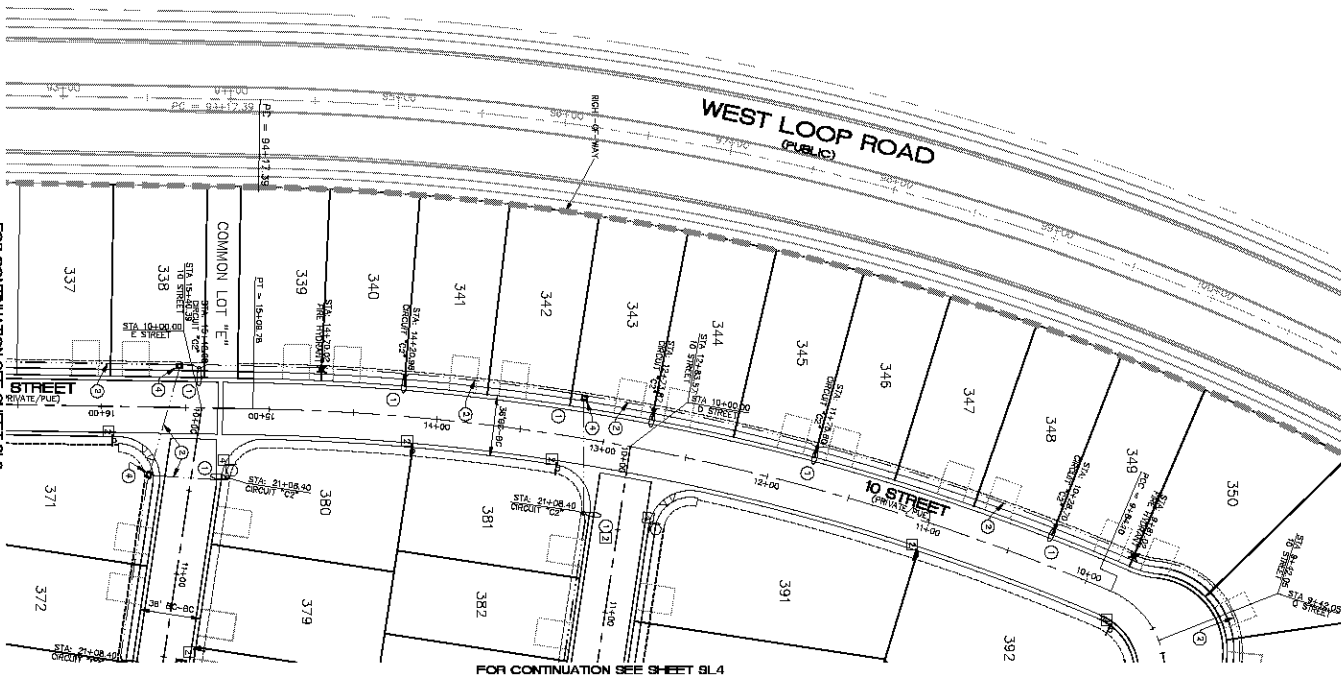


FOR CONTINUATION SEE SHEET SL-3

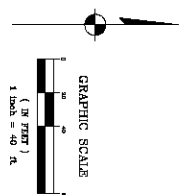


BASES OF BEARINGS

FOR CONTINUATION SEE SHEET SL-3

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STATION: 1+00.00 TO 1+00.00
ELEVATION: 1100.00 TO 1100.00
BENCHMARK: 1100.00 TO 1100.00
DATE: 11/10/09
DRAWN BY: SH/DB
CHECKED BY: SH/DB
DATE: 11/10/09



NEW STREETLIGHT SERVICE PEDestal CIRCUIT 'A'

STREETLIGHT CIRCUIT 'A' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	120 AMPS
SERVICE PEDestal CIRCUIT	60 AMPS
MAXIMUM ALLOWABLE DRAW (240) X 60 AMPS	14400 VA
EXISTING CIRCUIT LOAD	37 AMPS
PROPOSED LINEAR LOAD TO CIRCUIT	7.2 AMPS
TOTAL PROPOSED LOAD	44.2 AMPS
EXISTING PLUS PROPOSED LOAD	44.2 AMPS
REMAINING AVAILABLE LOAD	4.0 AMPS

NEW STREETLIGHT SERVICE PEDestal CIRCUIT 'B'

STREETLIGHT CIRCUIT 'B' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	120 AMPS
SERVICE PEDestal CIRCUIT	60 AMPS
MAXIMUM ALLOWABLE DRAW (240) X 60 AMPS	14400 VA
EXISTING CIRCUIT LOAD	37 AMPS
PROPOSED LINEAR LOAD TO CIRCUIT	7.2 AMPS
TOTAL PROPOSED LOAD	44.2 AMPS
EXISTING PLUS PROPOSED LOAD	44.2 AMPS
REMAINING AVAILABLE LOAD	4.0 AMPS

NEW STREETLIGHT SERVICE PEDestal CIRCUIT 'C'

STREETLIGHT CIRCUIT 'C' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	120 AMPS
SERVICE PEDestal CIRCUIT	60 AMPS
MAXIMUM ALLOWABLE DRAW (240) X 60 AMPS	14400 VA
EXISTING CIRCUIT LOAD	37 AMPS
PROPOSED LINEAR LOAD TO CIRCUIT	7.2 AMPS
TOTAL PROPOSED LOAD	44.2 AMPS
EXISTING PLUS PROPOSED LOAD	44.2 AMPS
REMAINING AVAILABLE LOAD	4.0 AMPS

NEW STREETLIGHT SERVICE PEDestal CIRCUIT 'D'

STREETLIGHT CIRCUIT 'D' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	120 AMPS
SERVICE PEDestal CIRCUIT	60 AMPS
MAXIMUM ALLOWABLE DRAW (240) X 60 AMPS	14400 VA
EXISTING CIRCUIT LOAD	37 AMPS
PROPOSED LINEAR LOAD TO CIRCUIT	7.2 AMPS
TOTAL PROPOSED LOAD	44.2 AMPS
EXISTING PLUS PROPOSED LOAD	44.2 AMPS
REMAINING AVAILABLE LOAD	4.0 AMPS

NEW STREETLIGHT SERVICE PEDestal CIRCUIT 'E'

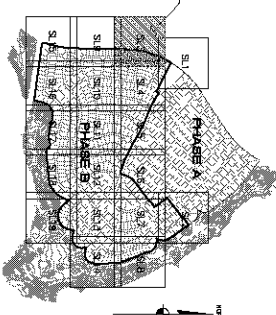
STREETLIGHT CIRCUIT 'E' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	120 AMPS
SERVICE PEDestal CIRCUIT	60 AMPS
MAXIMUM ALLOWABLE DRAW (240) X 60 AMPS	14400 VA
EXISTING CIRCUIT LOAD	37 AMPS
PROPOSED LINEAR LOAD TO CIRCUIT	7.2 AMPS
TOTAL PROPOSED LOAD	44.2 AMPS
EXISTING PLUS PROPOSED LOAD	44.2 AMPS
REMAINING AVAILABLE LOAD	4.0 AMPS

NEW STREETLIGHT SERVICE PEDestal CIRCUIT 'F'

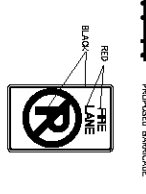
STREETLIGHT CIRCUIT 'F' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	120 AMPS
SERVICE PEDestal CIRCUIT	60 AMPS
MAXIMUM ALLOWABLE DRAW (240) X 60 AMPS	14400 VA
EXISTING CIRCUIT LOAD	37 AMPS
PROPOSED LINEAR LOAD TO CIRCUIT	7.2 AMPS
TOTAL PROPOSED LOAD	44.2 AMPS
EXISTING PLUS PROPOSED LOAD	44.2 AMPS
REMAINING AVAILABLE LOAD	4.0 AMPS



LEGEND

1 1/2" STREET LIGHT CIRCUIT	PROPOSED 120 W HPS LUMINAIRE
NO. 3-1/2" PUL. BOX	PROPOSED STREET SIGN
PROPOSED STREET SIGN	PROPOSED STOP SIGN W/ (S)
STREET NAME SIGN	PROPOSED BENCHMARK



LIGHTING CONSTRUCTION NOTES

- INSTALL 120 W HPS LUMINAIRE PER DET. NO. 314 OF SHEET DTS.
- ON SHEET DTS, SERVICE PEDestal CIRCUIT AND WIRE PER DET. NO. 320.
- INSTALL 1 1/2" STREET LIGHT CIRCUIT AND WIRE PER DET. NO. 320.
- INSTALL NO. 3-1/2" PUL. BOX PER DET. NO. 320 ON SHEET DTS.
- REMOVE COP AND CONNECT TO EXISTING SIGN.

TRAFFIC CONSTRUCTION NOTES

- INSTALL 120 W HPS LUMINAIRE PER DET. NO. 314 OF SHEET DTS.
- ON SHEET DTS, SERVICE PEDestal CIRCUIT AND WIRE PER DET. NO. 320.
- INSTALL 1 1/2" STREET LIGHT CIRCUIT AND WIRE PER DET. NO. 320.
- INSTALL NO. 3-1/2" PUL. BOX PER DET. NO. 320 ON SHEET DTS.
- REMOVE COP AND CONNECT TO EXISTING SIGN.

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PRELIMINARY ISSUE FOR REVIEW

NOT FOR CONSTRUCTION 4-12-06